

# AUTO/STIK II & JR

Automatic Tank Gauging  
& Electronic Line Leak  
Detection System

## EBW

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**Evaluator:** Ken Wilcox Ass. - 08/20/93



## System Description: The AUTO/STIK II and JR.

*series are electronic monitoring devices capable of tracking inventory, detecting leaks and providing alarm warnings. The systems can also be equipped with a continuous 24 hour leak detection **option**; however this option does not accumulate data during intermittent still times as most systems do, but continually starts a leak test at still times and ends the leak test only after a 30 minute still time. A leak rate for one test period is calculated by combining still period leak tests thru four consecutive days. The AUTO/STIK II can be equipped with the electronic line leak detection **option** which can monitor 1 to 8 pressurized lines. The AUTO/STIK II is capable of monitoring 1 to 16 tanks for leak detection, 1 to 64 liquid sensors and 1 to 56 relay outputs. The JR series are capable of handling the number of tanks indicated on the **model #** and are limited to the amount of sensors and relay outputs they provide.*

**Certification:** 0.1 gph with PD = 98.3% and PFA = 1.7%

**Tank Capacity:** Max. 15,000 gal

**Test Period:** Min. 4 hrs with tank 50 - 95% full

**Limitations:**

- No dispensing or delivery during test (even w/CLD)
- Not evaluated using manifolded tanks
- Not capable of monitoring product lines (JR series)

# SAMPLE REPORTS

## AUTOJSTIK

### 1. Printing Reports

- Depress **PRINT REPORTS**
- Depress desired report or **MORE**
- Continue to press **MORE** until desired report
- Depress desired report
- Depress **ALL** or enter desired tank # (**01**, **02**, etc.)
- Depress **PRINT**

### 2. Print Inventory Information (Status Report)

- Depress **PRINT REPORTS**
- Depress **STATUS REPORT**
- Depress **ALL** or enter desired tank # (**01**, **02**, etc.)
- Depress **PRINT**

### 3. Print Leak Report

- Depress **PRINT REPORTS**
- Depress **MORE**
- Depress **LEAK REPORT**
- Depress **ALL** or enter desired tank # (**01**, **02**, etc.)
- Depress **PRINT**

#### ----- LINE LEAK REPORT -----

WED MAY 22,96 5:48:19 PM

STATION NAME:

GENES SERVICE  
SHERMAN  
MUSKEGON MI

LINE 1

CURRENT STATUS: NO ERRORS

0.2 GPH MONTHLY PASS: YES

0.2 GPH TEST HISTORY:

APR:

MAR:

FEB:

JAN:

DEC:

NOV:

LAST 0.2 GPH TEST: PASS

TUE MAY 21,96 7:01:52 PM

LAST 0.1 GPH TEST: PASS

TUE MAY 21,96 10:04:07 PM

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#### ----- STATUS REPORT -----

WED MAY 22,96 9:49:46 AM

STATION NAME:

TANK 1 PRODUCT: LEAD FREE

CURRENT STATUS:

[CNT] | | | | | | |

GROSS: 615.161 gal

NET: 608.541 gal

FUEL LEVEL: 28.9232 in

WATER LEVEL: 0.6443 in

TEMP: 76.510 °F

GROSS VTF: 355.857 gal

GROSS ULLAGE: 95%=307.307 gal

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#### ----- AUTO LEAK TEST -----

WED MAY 22,96 5:47:21 PM

STATION NAME:

GENES SERVICE  
SHERMAN  
MUSKEGON MI

TANK 1 PRODUCT: DIESEL

LEAK RATE: 0.009 gal/hr

PASS 0.2 GPH TEST

PERCENT OF TANK TESTED: 41.1 %

START: SUN MAY 19,96 12:00:02 AM

BEG FUEL LEVEL: 51.5870 in

BEG WATER LEVEL: 0.0357 in

850.905 gal, 53.04 °F

850.917 gal, 53.02 °F

850.928 gal, 53.00 °F

850.936 gal, 52.98 °F

END: SUN MAY 19,96 4:09:01 AM

END FUEL LEVEL: 51.5870 in

END WATER LEVEL: 0.0352 in

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### 4. Print Line Leak Report

- Depress **PRINT REPORTS**
- Depress **MORE - MORE - MORE -MORE**
- Depress **LINE LEAK REPORT**
- Depress **ALL** or enter desired tank # (**01**, **02**, etc.)
- Depress **PRINT**

